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	STATEME	NT BY APPLIC	ANT	First Named Inventor	Bojsen et al.
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Sheet	1	of	7	Attorney Docket Number	5559.214-US

		U.	S PATENT DOCU	MENTS	
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/NN/		WO 98/26057	6/98			
\top		EP 109244	04-08-1987			T-
		WO 99/53769	10-28-1999	···	<u> </u>	
		WO 98/45453	10-15-1998		· · · · · · · · · · · · · · · · · · ·	
	1	WO 98/26057	06-18-1998			
		WO 97/07202	02-27-1997			
1		WO 94/25577	11-10-1994			1
		WO 95/22615	08-24-1995			
		WO 98/08939	03-05-1998			
1		WO 95/22614	08-24-1995		-	1
		WO 95/35381	12-28-1995			1
	· · · · · ·	EP 0 943 678	09-22-1999			
		WO 97/07205	02-27-1997			
T		WO 97/04078	02-06-1997			
		WO 97/04079	02-06-1997			1
		WO 94/04035	03-03-1994			
	1	EP 0 260 105	05-18-1994			<u> </u>
	1	WO 95/09909	04-13-1995		<u> </u>	†
7		WO 92/05249	04-02-1992		· · · · · · · · · · · · · · · · · · ·	1
Λ	†	WO 96/16153	05-30-1996	-		
/NN/	1	WO 99/42566	08-26-1999	·		
		EP 0 100 244	04-00-1907	Duplicate c	itation	
	1	WO 99/33709	10-28-1999	Could not b		parer
		WO 98/45453	10-15-1998	Could not be	found in	paren
		WO 98/26057	00-18-1998	Could not be	found in r	aren
NN/		WO 94/01541	1/94			
		_WO 02/05249	4/92	Could not be	found in p	aren

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⁴ For Japanese patent documents, the indication of the year of the reign of the Enteror must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. check mark here if English langua

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Sheet	3	of	7	Attorney Docket Number	5559.214-US

Examiner's Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	. т²
/NN/		Henderson et al., Journal of Lipid Research, Vol. 34, pp. 1593-1602, (1993)	
		Peters et al., Biophysical Journal, Vol. 71, pp. 119-129, (July 1996)	
		Svendsen et al., Biotechnology, Vol 5, No. 5, pp. 619-623, (May 1994)	
		Holmquist et al., Journal of Protein Chemistry, Vol 12, No. 6, pp. 749-757, (1993)	
		Kuipers et al., Science, Vol. 244, pp. 82-85, (April 1989)	
		Kampen et al., Chemistry and Physics of Lipids, Vol. 93, pp. 39-45, (1998)	
		Joerger et al., Lipids, Vol. 29, No. 6, pp. 377-384, (1994)	
		Martinelle et al., Protein Engineering, Vol. 9, No. 6, pp. 519-524, (1996)	
		Holmquist et al., Lipids, Vol. 29, No. 9, pp. 599-603, (1994)	
		Holmquist et al., Journal of Protein Chemistry, Vol. 14, No. 4, pp. 217-224, (1995)	
· \		Peters et al., Biochemistry, Vol. 37, pp. 12375-12383, (1998)	
/NN/		Peters et al., Biochemistry, Vol. 37, pp. 12375-12383, (1998)	

Examiner		Date
Signature	/Nashaat Nashed/ (05/29/2007)	Considered

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Sheet	4	of	7	Attorney Docket Number	5559.214-US

Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents, Washington, DC 20231 ISSN 1392-0146., Biologija. 1995. Nr. 1 - 2, "Lipase of Pseudomonas /NN/ mendocina 3121-1 and its Substrate Specificity Bachmatova et al. /NN/ Brozozowski et al., A model for interfacial activation in lipases from the structure of a fungal /NN/ lipase-inhibitor complex., Nature, Vol. 351, 491-494 /NN/ Klein et al., Lipids, Vol. 32, no. 2 (1997), 123-130 Joerger et al., Lipids, Vol 29, no. 6, (1994) 377-384 /NN/ Klein et al., JAOCS, Vol. 74, no. 11 (1997) 1401-1407. /NN/ Biochemistry, 1993, 32, 4702-4707, Hjorth et al. /NN/ Duplicate citation Reaction of Phosphtidylcholine*, Hara et al., JAOCS, Vol 74, No. 9 (1997) /NN/ Biochemistry, Vol. 31, No. 5, 1992, 1532-1541, Derwenda et al. /NN/ Eliasson et al., Physicochemical Behavior of Components, Chapter 2, "Cereals in ·/NN/ Breadmaking*, pp. 29-45, (1993) Duplicate citation icker et al., Getreide Mehl Bret, Vol. 38, pp. 181-187 (1074) /NN/ W. van Nieuwenhuyzen, IFI,"Open Doors to Baked Goods", No. 2, pp. 32-36 (1998) /NN/ Gan et al., Journal of Cereal Science, Vol., 18, pp. 207-210, (1993) /NN/ Marion et al., "Wheat Lipid-Binding Proteins: Structure and Function", (2000) Duplicate citation

furakami et al., Tetrahedren, Vol. 59, No. 7, pp. 1003-2002, (1004)



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Substitute for form 1449A/PTO Complete if Known **Application Number** 09/856,819 **INFORMATION DISCLOSURE** Filing Date May 24, 2001 First Named Inventor STATEMENT BY APPLICANT Bojsen et al. (use as many sheets as necessary) Art Unit To Be Assigned To Be Assigned 5559.204-US **Examiner Name** Sheet of **Attorney Docket Number**

		Duplicate citation	
		Marion et al., Interaction: The Keys to Cerear Quality, Chapter 6, Lipids, Lipid-Protein Interactions and the Quality of Balked Gereal Products ² , pp. 181-167, (1998)	
/NN/		Poulsen et al., The First European Symposium on Enzymes and Grain Processing, *Effect	
		and Functionality of Lipases in Dough and Bread", pp. 204-214, (1997)	
//\	N/	Slideshow Presentation, "Effect & Functionality of Lipases in Dough & Bread", Santorini Congress, (8 May 1999)	

/Nashaat Nashed/ (05/29/2007)

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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner's Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
/NN/		Marion et al., "Interactions: The Keys to Cereal Quality", Chapter 6, p. 131-167 (1998)	
/NN/		Murakami et al., Tetrabedron, Vol. 50, No. 1, pp. 2003-2016, (1994)	
/NN/		Marion et al., "Wheat Lipids and Lipid-Binding Proteins: Straucture and Function" .	
/NN/		Gant et al., Journal of Cereal Science, Vol. 18, pp. 207-210, (1993)	
	-	W van Nieuwenhuyzen, IELNo. 3, "Open Deere to Baked Goods", pp. 32-38	
!		Duplicate citation	
/NN/		Acker et al., Getircide Mehl Brot, Vol. 28, pp. 181-187, (1974)	
	 	Ellasson et al., "Cereals in Breadmaking, A molecular Colloidal Approach", pp. 38-45, (1993)	
		Duplicate citation	
/NN/		Poulsen et al., "The First European Symposium on Enzymes and Grain Processing, Effect and Functionality of Lipases in Dough and Bread", pp. 202-214,(1997)	
/NN/		Kampen et al., Chemistry and Physics of Lipids, Vol. 93, pp. 39-45, (1998)	
		Joerger et al. Lipids, Vol. 39, No. 0, pp. 977-364, (1994)	
		Duplicate citation	
/NN/		Soumanou et al., JAOCS, Vol. 75, no. 6 (1998)	
/NN/		Stadler et al., CCACAA 68 (3) 649-674 (1995)	
		Scheib et al., Pretein Science (1999) 8:215-221. Duplicate citation	
		Oils-fats-lipids 1995. 21st. Oct. 1995, The Hague. Volume1.	

Reference was not in the parent.

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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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/NN/		issue number(s), publisher, city and/or country where published SCHEIB ET AL., "Stereoselectivity of <i>Mucorales</i> lipases toward triradylglycerols-A simple solution to a complex problem", Protein Science, Vol. 8, pp. 215-221 (1999)	
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